BR 593/30-9-2014

M. A. R. 57 (Rule 116)
Measurement Book

No. B

BSNO ! JC/D2/265/13-14 dt 30-10-
TSNO : DD/D19/13-14 dt 30-10-2

JDS code 014-14-000021 Plan 1771.

SBR 164/30-9-2014

82661

Serial No. .....

Name of work .. Improvement To Drain & Foot Path 5th main Bhuvaneswari From ..... To .....

Name of Contractor of nature of Agency. Nagaraj 22nd Cross Pipeline Road Bhuvaneshwari

Date of commencement of work..... Nagar in Bagalagunte WW 14

Extra 15-20 Cms

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 WONO. 801/DL-2124/13-14 dt 27-9-2014	3	4	5	6	7	8
	Earth work Excavation by manual means in ordinary soil including all lead lift etc complete and as directed by Engineer-in-charge.						
	Providing and laying 22mm CI pipe line	1	30.00	0.80	0.50	12.00	
		1	30.00	0.80	0.50	12.00	
		1	30.00	0.80	0.50	12.00	
		1	30.00	0.80	0.50	12.00	
		1	30.00	0.80	0.50	12.00	
		1	30.00	0.80	0.50	12.00	
		1	28.50	0.80	0.50	11.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. No. to Measure of work
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Right Side	1	30.70	0.80	0.50	12.28	
		1	30.70	0.80	0.50	12.28	
		1	30.70	0.80	0.50	12.28	
		1	19.70	0.80	0.50	7.88	
		1	20.20	0.80	0.50	8.08	
		1	23.70	0.80	0.50	9.48	
		1	23.50	0.80	0.50	9.40	
	Measurements taken	2	30.70	0.80	0.50	24.56	
		1	30.70	0.80	0.50	12.28	
		1	19.70	0.80	0.50	7.88	
			0.8802			188.804	
2	Renewing B.S. Slab of drain and Stating Pla						
	22nd Inn Left Sol	1	30.70	0.90			
		1	30.70				

MEASUREMENT BO

Date	Full description, etc, of work	Dimensions		
		Number	Length	Brea
1	2	3	4	
3				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Con
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	
		2	30.00	0.20	0.15	1.8
		2	28.50	0.20	0.15	1.7
		2	30.00	0.20	0.15	1.80
		2	30.00	0.20	0.15	1.8
		2	30.00	0.20	0.15	1.80
		2	19.70	0.20	0.15	1.18
		2	20.20	0.20	0.15	1.21
		2	23.70	0.20	0.15	1.42
		2	23.50	0.20	0.15	1.41
		2	30.00	0.20	0.15	1.80
		2	30.00	0.20	0.15	1.80
		2	6.00	0.20	0.15	0.3
			0.4085 = 88 Cft			57
9	Providing and laying in position Plain Cement Concrete					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

82664

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	0.45 cm thick cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) using Concrete Mixer for foundation and plinth including curing complete as per specifications						
	22nd Cross Junction	1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	28.50	0.45	0.08	1.02	
	Left Side	1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Meas.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	19.20	0.45	0.08	0.70	
		1	20.20	0.45	0.08	0.72	
		1	23.70	0.45	0.08	0.85	
		1	23.50	0.45	0.08	0.84	
		1	30.00	0.45	0.08	1.08	
		1	30.00	0.45	0.08	1.08	
		1	6.00	0.45	0.08	0.21	
	Copper in Sch Block 22½ Cms pipe line nearby	2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	28.50	0.20	0.10	1.14	
	Cell Block	2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	

Ref. No. .....
...e of work .....
...e of Contractor of nature of Age...
...of commencement of work.....

...e	Full description, etc, of wo...
	2

Refinery Store Block 22½ Cms pipe line

BOOK

s			
adth	Depth 6	Contents 7	Refe... to l... Measu... 8
5	0.08	0.20	
5	0.08	0.72	
5	0.08	0.85	
5	0.08	0.84	
5	0.08	1.08	
	0.08	1.08	
	0.08	0.21	
	0.10	1.20	
	0.10	1.20	
	0.10	1.20	
	0.10	1.20	
	0.10	1.20	
	0.10	1.20	
	0.10	1.14	
	0.10	1.20	
	0.10	1.20	
	0.10	1.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 82665

...al No. .....

...me of work ..... From ..... To .....

...me of Contractor of nature of Agency.....

...te of commencement of work.....

Date	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	19.70	0.20	0.10	0.78	
		2	20.20	0.20	0.10	0.80	
		2	23.25	0.20	0.10	0.90	
		2	23.50	0.20	0.10	0.94	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	
		2	6.00	0.20	0.10	0.24	151721
			0.4550	22.4		35.34 cum	
	5 Nos Reinforcement Steel Rods 7 dream 224 Cum approximately						
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90		27.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. No. of Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Deduct for	1	5.50	0.90	—	4.95	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	17.00	0.90	—	15.30	
		1	30.00	0.90	—	27.00	
		1	9.00	0.90	—	8.10	165859
			067.95/2			244.085q	
6	Providing precast Slabs Selected Quality onsite dressed as per size mixed with Cement Slabs Capacity 7.50cm thick						
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	
		1	30.00	0.90	—	27.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 82666

..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	Left bank	1	28.50	0.90	–	25.65	
		1	30.00	0.90	–	27.00	
		1	30.00	0.90	–	27.00	
		1	30.00	0.90	–	27.00	
		1	19.70	0.90	–	17.73	
		1	20.20	0.90	–	18.18	
		1	23.70	0.90	–	21.33	
		1	23.50	0.90	–	21.15	
		1	30.00	0.90	–	27.00	
		1	30.00	0.90	–	27.00	
		1	6.00	0.90	–	5.40	
	deduct earth work in channel 2 No's					406.80	
						244.08	54219/-
						@ 333.21/Cum	162.72 Cum

14.95
27.00
27.00
27.00
15.30
27.00
8.10
244.08 Cum
16585/-

supply
fixing Cum
27.00
27.00
27.00
27.00
27.00
27.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
7	providing and casting precast concrete solid slab cover with reinforcement steel conforming to IS 456 2000 for RCC drain including all labour charges, scaffolding, centering complete as per direction of engineer in charge	2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	28.30	0.40	—	22.80	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	

left 30/9

Right Bal

OK

Depth 6	Contents 7	Reference to last Measurement 8
		d Stone Arch cut work in cement mortar 1:6
	24.00	
	24.00	
	24.00	
	24.00	
	24.00	
	24.00	
	22.80	
	24.00	
	24.00	
	24.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

82667

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	19.20	0.40	—	15.36	
		2	20.20	0.40	—	16.60	
		2	23.40	0.40	—	18.96	
		2	23.50	0.40	—	18.80	
		2	30.00	0.40	—	24.00	
		2	30.00	0.40	—	24.00	
		2	6.00	0.40	—	4.80	
				= 896.93/sqm		361.60 sqm	

c/be
2
30/9

324329=00
342439/-

Supplying and laying precast reinforced Concrete Slab of
10 cm thick in any Coat of reinforced cement mortar 1:2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	drawing masonry C.C. brickwork laying cleaning of masonry masonry curing 1st coat with fairy to 2nd seven brick work cart						
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	28-34	0.90	—	25.65	
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	30-W	0.90	—	27.00	
		1	19.70	0.90	—	17.73	
		1	20-20	0.90	—	18.80	
		1	23-70	0.90	—	21.33	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	Cleaning of masonry with brick card	
—	27.00	
—	27.00	
—	27.00	
—	27.00	
—	27.00	
—	27.00	
—	25.65	
—	27.00	
—	27.00	
—	27.00	
—	17.73	
—	18.80	
—	21.33	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

82668

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Items detailed Checked Found Correct.	1	23.00	0.5	—	21.15	
		1	20.00	0.5	—	27.00	
		1	20.00	0.50	—	27.00	
		1	6.00	0.50	—	5.40	631483/-
			@ 1552.32/day			4868.0/day	
	Disposal of debris to the far place of disposal directed by the Executive Engineer from the Cut less than 4 Chains: 180.80 Cft		@ 75.94/Cft				13724/-
	Certified (1) Cost of Earth Excavation in Soft rock is applicable as there are no separate Items in Contract for Soft rock Excavation (2) Contractor has claimed all the rock Excavation as Cutting Soft					Total	1473421.00
			@ 1552.32/day.			35/9/W4	1455311=00

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Name Work : Improvement to Main rd Bhuvaneshwari Nagar 22nd Cross Road & Bhuvaneshwari Nagara Layout					
	30					
	30					
	30					
	RS		118.50			
	22nd Cross.					
	LS 256 w m					
	Pipeline Road					

Draw est for Part SOR

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EPy

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ಐ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಪಾಲಗಾರಹಳ್ಳಿ, ಬೆಂಗಳೂರು - 560 073